

# MARTIN SHARMA

Kathmandu | +977 9864350690 | [martinsharma18@gmail.com](mailto:martinsharma18@gmail.com) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EXPERIENCE

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### Naya Code Pvt. Ltd.

Kathmandu

*.NET Intern / Associate*

*Aug 2025 - Feb 2026*

- Built a comprehensive banking-grade application for managing user identities and processing KYC applications.
- Developed a scalable RESTful API using ASP.NET Core and React for a responsive frontend serving as the backbone for a digital KYC and user management platform.
- Implemented secure Authentication & Authorization using ASP.NET Identity and JWT Bearer tokens, including support for third-party Google OAuth integration.
- Designed a dynamic Role-Based Access Control (RBAC) system with a custom Authorization Policy Provider, allowing for granular permission management beyond standard roles.
- Utilized Entity Framework Core with PostgreSQL for efficient data modeling, including complex relationships for user roles, KYC workflows, and branch management.
- Built robust data seeding services to automatically initialize system states ensuring consistent environments for development and testing.

### Connexica Technologies Pvt. Ltd.

Kathmandu

*.NET Intern*

*April 2025 - July 2025*

- Wrote SQL queries to retrieve, insert, and update application data.
- Worked with relational database design and data validation.
- Supported senior developers with backend and database-related tasks.
- Developed backend APIs integrated with SQL Server databases.
- Used Postman to test API responses and verify data accuracy.

## PROJECTS

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### E-Swasthya Centralized Healthcare Record System [Link](#)

- Built a role-based healthcare system with login for Admin, Hospital, and Patient.
- Admins manage hospitals, Hospitals manage doctors/patients, and Patients view their records.
- Implemented medical record history, prescription management, and secure login.
- Follows G2C e-governance model, Transaction stage of maturity model.

### Tutor\_Hub – Professional Educational Platform [Link](#)

- Developed a robust API using MediatR (CQRS pattern), Entity Framework Core, and PostgreSQL, focusing on modularity and clean code standards.
- Built a responsive, component-driven UI with Tailwind CSS and Lucide Icons, ensuring a premium and accessible user interface for Teachers and Parents.
- Built a tutor application lifecycle, from listing creation and teacher applications to trial session requests and payment processing.
- Leveraged PostgreSQL with structured migrations and implemented FluentValidation to ensure 100% data consistency across the project.

### Fake News Detection System

- Built a fake news detection system using deep learning algorithm like GRU and text embedding like Word2Vec.
- Applied NLP techniques for preprocessing and vectorization.
- Used cosine similarity to compare headlines and body content

### E-Commerce Website [Link](#)

- Developed a fully functional e-commerce platform to sell electronic gadgets.
- Implemented features like product listing, shopping cart, user authentication, and admin dashboard.
- Integrated payment gateway for smooth transactions.

## SKILLS AND INTEREST

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- Programming Languages: C#, JavaScript, Python.
- Databases & SQL: SQL Server, Postgres SQL MySQL.
- Frameworks & Technologies: ASP.NET Core, Web API, MVC, React.js, Entity Framework.
- Tools: Git, GitHub, Visual Studio, VS Code, Postman..
- Concepts: Object-Oriented Programming, REST APIs, CRUD, Authentication, Agile basics.
- Soft Skills: Team collaboration, problem-solving, communication, willingness to learn.

## EDUCATION

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**New Summit College**

BSC. Computer Science and Information Technology

Shantinagar, Kathmandu

2078 - 2082